

XP-002220671

AN - 1992-083502 [30]

A - [001] 014 02& 022 023 028 04- 128 141 180 192 193 247 248 252 253 263  
265 271 282 30& 32& 437 481 483 485 551 567 573 575 596 619 664 667 688

AP - JP19900131708 19900521

CPY - TOYM

DC - A23 A94 F03

FS - CPI

IC - D01F6/60 ; D02G3/04 ; D03D15/00

KS - 0013 0226 0231 1283 1804 2476 2486 2524 2528 2530 2635 2654 2711 2821

MC - A05-F01E1 A12-S05E A12-S05F F01-E F02-A03

PA - (TOYM) TOYOBO KK

PN - JP4024240 A 19920128 DW199211 004pp

PR - JP19900131708 19900521

XA - C1992-038202

XIC - D01F-006/60 ; D02G-003/04 ; D03D-015/00

AB - J04024240 Fabric is made of composite yarn prepd. by filament-blending  
(a) 30-80 wt.% of modified-profile polyamide multifilament thread  
produced at 3500 m/min. or higher take-up speed and having 40-60%  
elongation at break, 0.1 wt.% or smaller TiO<sub>2</sub> content and single fibre  
size of 1.4-10.0 denier with (b) 20-70 wt.% of thermoplastic  
multifilament thread.

- USE/ADVANTAGE - The woven fabric offers improved surface appearance  
and feeling, and is suitable for clothing.

- In an example, nylon-6 50 d/12 f multifilament thread (A) (triangular  
cross-section, TiO<sub>2</sub> content 0.03 wt.) was prepd. by melt-spinning  
followed by taking up at 3500 m/min. Separately, nylon-6 50 d/48 f  
normal (round cross-section) multifilament thread (B) (TiO<sub>2</sub> content  
0.03 wt%) was prepd. by similar process. The threads (A) and (B) were  
filament-blended in air flow (thread feed rate 270 m/min., air  
pressure 3 kg/cm<sup>2</sup>, overfeed rate 0.3%). From the resulting  
filament-blended yarn, plain-woven fabric (warp density 110/inch, weft  
density 80/inch) was made.

- (Dwg.0/0 g.C fo)

IW - FILAMENT BLEND POLYAMIDE WOVEN FABRIC CLOTHING MADE COMPOSITE YARN  
OBTAIN FILAMENT BLEND POLYAMIDE MULTIFILAMENT THREAD THERMOPLASTIC  
MULTIFILAMENT THREAD

IKW - FILAMENT BLEND POLYAMIDE WOVEN FABRIC CLOTHING MADE COMPOSITE YARN  
OBTAIN FILAMENT BLEND POLYAMIDE MULTIFILAMENT THREAD THERMOPLASTIC  
MULTIFILAMENT THREAD

NC - 001

OPD - 1990-05-21

ORD - 1992-01-28

PAW - (TOYM) TOYOBO KK

TI - Filament-blended polyamide woven fabric for clothing - made of  
composite yarn obtd. by filament-blending polyamide multifilament  
thread and thermoplastic multifilament thread